

Meiming Luo

List of Publications by Year in descending order

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44
papers

1,300
citations

331670

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345221

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46
all docs

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docs citations

46
times ranked

1572
citing authors

#	ARTICLE	IF	CITATIONS
1	Catalytic Cleavage of Unactivated C(aryl)-P Bonds by Chromium. <i>Organic Letters</i> , 2022, 24, 1581-1586.	4.6	4
2	Chromium-Catalyzed Selective Cross-Electrophile Coupling between Unactivated C(aryl)-F and C(aryl)-O Bonds. <i>Organometallics</i> , 2022, 41, 561-568.	2.3	7
3	Chromium-catalyzed couplings of C(aryl)-SMe bonds for accessing arylated and alkylated benzaldehyde derivatives. <i>Chemical Communications</i> , 2022, 58, 7094-7097.	4.1	4
4	Chromium-Catalyzed Ligand-Free Amidation of Esters with Anilines. <i>Bulletin of the Chemical Society of Japan</i> , 2021, 94, 762-766.	3.2	4
5	Chromium-Catalyzed Borylative Coupling of Aliphatic Bromides with Pinacolborane by Hydrogen Evolution. <i>Organometallics</i> , 2021, 40, 2204-2208.	2.3	5
6	Cyclic (Alkyl)(amino)carbene Ligand-Promoted Nitro Deoxygenative Hydroboration with Chromium Catalysis: Scope, Mechanism, and Applications. <i>Journal of the American Chemical Society</i> , 2021, 143, 1618-1629.	13.7	56
7	Reductive Cross-Coupling between Unactivated C(aryl)-N and C(aryl)-O Bonds by Chromium Catalysis Using a Bipyridyl Ligand. <i>Journal of the American Chemical Society</i> , 2020, 142, 12834-12840.	13.7	33
8	Chemoselective Cross-Coupling between Two Different and Unactivated C(aryl)-O Bonds Enabled by Chromium Catalysis. <i>Journal of the American Chemical Society</i> , 2020, 142, 7715-7720.	13.7	57
9	Accessing Difluoromethylated and Trifluoromethylated <i>cis</i> -Cycloalkanes and Saturated Heterocycles: Preferential Hydrogen Addition to the Substitution Sites for Dearomatization. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 16785-16789.	13.8	44
10	Modular Arene Difunctionalization of Unactivated C=O and C-H Bonds by Sequential Chromium-Catalyzed Transformations. <i>Organic Letters</i> , 2019, 21, 6869-6873.	4.6	16
11	Iron and Phenol Co-catalysis for Rapid Synthesis of Nitriles under Mild Conditions. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 4617-4623.	2.4	11
12	Chromium-Catalyzed Activation of Acyl C=O Bonds with Magnesium for Amidation of Esters with Nitroarenes. <i>Organic Letters</i> , 2019, 21, 1912-1916.	4.6	43
13	Hydrogenation of (Hetero)aryl Boronate Esters with a Cyclic (Alkyl)(amino)carbene-Rhodium Complex: Direct Access to <i>cis</i> -Substituted Borylated Cycloalkanes and Saturated Heterocycles. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 6554-6558.	13.8	39
14	Direct ortho-Selective Amination of 2-Naphthol and Its Analogues with Hydrazines. <i>Journal of Organic Chemistry</i> , 2018, 83, 5082-5091.	3.2	11
15	Chromium-Catalyzed Regioselective Kumada Arylative Cross-Coupling of C(aryl)-O Bonds with a Traceless Activation Strategy. <i>Journal of Organic Chemistry</i> , 2018, 83, 13549-13559.	3.2	22
16	Kumada Arylation of Secondary Amides Enabled by Chromium Catalysis for Unsymmetric Ketone Synthesis under Mild Conditions. <i>ACS Catalysis</i> , 2018, 8, 5864-5868.	11.2	50
17	Regioselective and Chemoselective Reduction of Naphthols Using Hydrosilane in Methanol: Synthesis of the 5,6,7,8-Tetrahydronaphthol Core. <i>Organic Letters</i> , 2018, 20, 4159-4163.	4.6	13
18	One-Step Synthesis of Unsymmetric 1,1'-Biaryl-2,2'-diamines by the Reaction of 2-Naphthols with Aryl Hydrazines. <i>Chinese Journal of Organic Chemistry</i> , 2018, 38, 443.	1.3	1

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19	Low-Valent, High-Spin Chromium-Catalyzed Cleavage of Aromatic Carbon–Nitrogen Bonds at Room Temperature: A Combined Experimental and Theoretical Study. <i>Journal of the American Chemical Society</i> , 2017, 139, 15182-15190.	13.7	62
20	Chromium-Catalyzed, Regioselective Cross-Coupling of C–O Bonds by Using Organic Bromides as Reactants. <i>Synlett</i> , 2017, 28, 2577-2580.	1.8	37
21	Iron-catalyzed synthesis of benzoxazoles by oxidative coupling/cyclization of phenol derivatives with benzoyl aldehyde oximes. <i>Chemical Communications</i> , 2017, 53, 9886-9889.	4.1	27
22	Catalytic Synthesis of 3-Thioindoles Using Bunte Salts as Sulfur Sources under Metal-Free Conditions. <i>Journal of Organic Chemistry</i> , 2016, 81, 4262-4268.	3.2	76
23	Iron-Catalyzed Direct Alkylamination of Phenols with <i>O</i> -Benzoyl <i>N</i> -alkylhydroxylamines under Mild Conditions. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 3840-3846.	4.3	12
24	Preparation and characterization of low density Poly (Imino Imino Ketone) foam. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2016, 31, 700-704.	1.0	0
25	Iron-catalyzed synthesis of arylsulfonates through radical coupling reaction. <i>Chemical Communications</i> , 2016, 52, 2980-2983.	4.1	96
26	Iron-Catalyzed <i>N</i> -Arylsulfonamide Formation through Directly Using Nitroarenes as Nitrogen Sources. <i>Journal of Organic Chemistry</i> , 2015, 80, 3504-3511.	3.2	64
27	Synthesis and catalytic activity of nickel(II) complexes of CNC pincer-type <i>N</i> -heterocyclic carbene ligands. <i>Journal of Organometallic Chemistry</i> , 2015, 788, 27-32.	1.8	21
28	Methyl Salicylate as a Selective Methylation Agent for the Esterification of Carboxylic Acids. <i>Synthesis</i> , 2014, 46, 263-268.	2.3	6
29	POSS-based hybrid porous materials with exceptional hydrogen uptake at low pressure. <i>Microporous and Mesoporous Materials</i> , 2014, 193, 35-39.	4.4	22
30	Preparation and characterization of polyhedral oligomeric silsesquioxane–titania aerogels. <i>Journal of Porous Materials</i> , 2013, 20, 1017-1022.	2.6	10
31	A Convenient and General Reduction of Amides to Amines with Low-Valent Titanium. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 2775-2780.	4.3	26
32	New cyclen derivative ligand for thorium(IV) separation by solvent extraction. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2013, 295, 125-133.	1.5	16
33	Catalytic desulfurative homocoupling of sodium arylsulfonates in water using PdCl ₂ as the recyclable catalyst and O ₂ as the terminal oxidant. <i>Green Chemistry</i> , 2012, 14, 3436.	9.0	82
34	Group IV M–POSS (M=Zr, Hf) Coordination Polymers. <i>Chinese Journal of Chemistry</i> , 2012, 30, 2591-2594.	4.9	4
35	Acyclic Palladium(II)– <i>N</i> -heterocyclic Carbene Metallacrown Ether Complexes: Synthesis, Structure and Catalytic Activity. <i>Chinese Journal of Chemistry</i> , 2012, 30, 1423-1428.	4.9	5
36	Reduction of hydrazines to amines with aqueous solution of titanium(III) trichloride. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 4977.	2.8	43

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37	Homocoupling of Arylboronic Acids Catalyzed by CuCl in Air at Room Temperature. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 2519-2523.	2.4	84
38	Catalyst-free preparation of polyhedral oligomeric silsesquioxanes containing Organic-Inorganic hybrid mesoporous nanocomposites. <i>Journal of Applied Polymer Science</i> , 2011, 121, 97-101.	2.6	4
39	Preparation of POSS-based organic-inorganic hybrid mesoporous materials networks through Schiff base chemistry. <i>European Polymer Journal</i> , 2011, 47, 853-860.	5.4	41
40	Preparation of Hybrid Nanocomposites from Polyhedral Oligomeric Silsesquioxane Through Heck Reactions. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2011, 41, 631-634.	0.6	0
41	Preparation of Organic-Inorganic Hybrid Nanocomposites via Pd-Catalyzed Amination of Dibromobenzene with Octa(aminophenyl)silsesquioxane. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2011, 41, 279-283.	0.6	0
42	Poly(methyl methacrylate)/Methacrylate-POSS Nanocomposites with Excellent Thermal Properties. <i>Chinese Journal of Chemistry</i> , 2010, 28, 2527-2532.	4.9	13
43	A New Method for N-N Bond Cleavage of N,N-Disubstituted Hydrazines to Secondary Amines and Direct Ortho Amination of Naphthol and Its Analogues. <i>Journal of the American Chemical Society</i> , 2008, 130, 5840-5841.	13.7	39
44	Synthesis, Structure, and Catalytic Activity of Palladium(II) Complexes of New CNC Pincer-Type N-Heterocyclic Carbene Ligands. <i>Organometallics</i> , 2008, 27, 2268-2272.	2.3	90